SEQUENCE LISTING

<110> University Potsdam

<120> Method for conducting non-invasive early detection of
      colon cancer and/or of colon cancer precursor cells

<130> P198903PC

<140> PCT/DE2004/002161
<141> 2004-09-23

<150> DE 103 45 021.1
<151> 2003-09-23

<160> 36

<170> PatentIn Ver. 2.1

<210> 1
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<212> DNA
<213> Artificial sequence

<220>
<223> Description of the artificial sequence: primer

<400> 1
ttgcagttat ggtcaatacc c   21

<210> 2
<211> 25
<212> DNA
<213> Artificial sequence

<220>
<223> Description of the artificial sequence: primer

<400> 2
gtgctctcag tataaacagg ataag   25

<210> 3
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<212> DNA
<213> Artificial sequence

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<220>
<223> Description of the artificial sequence: primer

<400> 3
cctcaaaagg ctgccacttg                                          20


<210> 4
<211> 23
<212> DNA
<213> Artificial sequence

<220>
<223> Description of the artificial sequence: primer

<400> 4
ctgtgacact gctggaactt cgc                                      23


<210> 5
<211> 25
<212> DNA
<213> Artificial sequence

<220>
<223> Description of the artificial sequence: primer

<400> 5
agcaccctag aaccaaatcc agcag                                    25


<210> 6
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Description of the artificial sequence: primer

<400> 6
tggcatggtt tgtccagggc                                          20


<210> 7
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<213> Artificial sequence
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<400> 7
acaaaccatg ccaccaagca ga                                      22


<210> 8
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<213> Artificial sequence

<220>
<223> Description of the artificial sequence: primer

<400> 8
gagcactcag gctggatgaa caag                                    24


<210> 9
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Description of the artificial sequence: primer

<400> 9
ttccagatgc tgatacttta                                         20


<210> 10
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Description of the artificial sequence: primer

<400> 10
ctgaatcatc taataggtcc                                         20


<210> 11
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<212> DNA
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<220>
<223> Description of the artificial sequence: primer

<400> 11
ctggtggagt atttgatagt g   21

<210> 12
<211> 21
<212> DNA
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<220>
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<400> 12
tctattgttg gatcatattc g   21

<210> 13
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Description of the artificial sequence: primer

<400> 13
ctgatttgat ggagttggac   20

<210> 14
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<212> DNA
<213> Artificial sequence

<220>
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<400> 14
cttgagtgaa ggactgagaa   20

<210> 15
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<220>
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<400> 15
gaatcagctc catccaagt                                              19


<210> 16
<211> 19
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<220>
<223> Description of the artificial sequence: primer

<400> 16
tttctgctat ttgcagggt                                             19


<210> 17
<211> 20
<212> DNA
<213> Artificial sequence

<220>
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<400> 17
tgtatcacca tctccatatc                                            20


<210> 18
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<212> DNA
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<220>
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<400> 18
gcattctgat gacttctggt                                            20


<210> 19
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<220>
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      for K-ras

<400> 19
ctggtggagt atttgatagt g                                    21


<210> 20
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<220>
<223> Description of the artificial sequence: primer    as
      for K-ras

<400> 20
tctattgttg gatcatattc g                                    21


<210> 21
<211> 20
<212> DNA
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<220>
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      for ß-Catechin

<400> 21
ctgatttgat ggagttggac                                      20


<210> 22
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<212> DNA
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      for ß-Catechin

<400> 22
cttgagtgaa ggactgagaa                                      20


<210> 23
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<211> 21
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<213> Artificial sequence

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<400> 23
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<210> 24
<211> 25
<212> DNA
<213> Artificial sequence

<220>
<223> Description of the artificial sequence: primer   as1
     for APC

<400> 24
gtgctctcag tataaacagg ataag                                            25


<210> 25
<211> 20
<212> DNA
<213> Artificial sequence

<220>
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     for APC

<400> 25
cctcaaaagg ctgccacttg                                                  20


<210> 26
<211> 23
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<220>
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     for APC

<400> 26
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ctgtgacact gctggaactt cgc                                    23


<210> 27
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<220>
<223> Description of the artificial sequence: primer    s3
      for APC

<400> 27
agcaccctag aaccaaatcc agcag                                  25


<210> 28
<211> 20
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<220>
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      as3 for APC

<400> 28
tggcatggtt tgtccagggc                                        20


<210> 29
<211> 22
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<220>
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<223> Description of the artificial sequence: primer s4
    for APC

<400> 29
acaaaccatg ccaccaagca ga   22

<210> 30
<211> 24
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<213> Artificial sequence

<220>
<223> Description of the artificial sequence: primer
    as4 for APC

<400> 30
gagcactcag gctggatgaa caag   24

<210> 31
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Description of the artificial sequence: primer   s5
    for APC

<400> 31
ttccagatgc tgatacttta   20

<210> 32
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Description of the artificial sequence: primer
    as5 for APC

<400> 32
ctgaatcatc taataggtcc   20

<210> 33
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Description of the artificial sequence: Primer
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<400> 33
gaatcagctc catccaagt   19

<210> 34
<211> 19

9

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<212> DNA
<213> Artificial sequence

<220>
<223> Description of the artificial sequence: Primer
      alternative as2 for APC

<400> 34
tttctgctat ttgcagggt                                             19


<210> 35
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Description of the artificial sequence: Primer   s
      for B-raf

<400> 35
tgtatcacca tctccatatc                                            20


<210> 36
<211> 20
<212> DNA
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<220>
<223> Decription of the artifical sequence: Primer     as
      for B-raf

<400> 36
gcattctgat gacttctggt                                            20
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